

**METHODS OF MAKING DISPOSABLE PRODUCTS HAVING
HUMIDITY ACTIVATED MATERIALS WITH SHAPE-MEMORY**

ABSTRACT OF THE INVENTION

The present invention relates to shape deformable materials, which are capable of (1) being deformed, (2) storing an amount of shape deformation, and (3) recovering at least a portion of the shape deformation when exposed to a humid environment. The shape deformable materials can advantageously be in the form of films, fibers, filaments, strands, nonwovens, and pre-molded elements. The shape deformable materials of the present invention may be used to form products, which are both disposable and reusable. More specifically, the shape deformable materials of the present invention may be used to produce products such as disposable diapers, training pants, incontinence products, and feminine care products.

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